MAY 05 1989

StarEnterprise

303 Fellowship Road
CS-18
Mooreslown NJ 08057
609 778 1400

May 3, 1989

Mr. Cedric Sanborn
Management Section
Hazardous Materials Unit
Agency of Natural Resources
103 South Main Street
Waterbury, Vermont 05676

Re: Environmental Incident
Your Ref. 1272 Order No. 7-8811
White River Texaco Service Station
I-91 & Route 5
White River Junction, Vermont
CEA Ref. File #2724-88

Dear Mr. Sanborn:

On behalf of Texaco Refining and Marketing Inc., we are writing in reference to the above location and remediation activities currently being undertaken. As a result of recent monitoring of the site's recovery and monitoring wells and Star Enterprise and Corporate Environmental Advisors' understanding of the State's position concerning cleanup of the site, a request is being made to end remediation activities at the White River Junction service station.

Enclosed is a "Closure Report" supporting this request. We would appreciate your earliest review and decision on this matter as soon as possible. Thank you.

If you have any questions, please contact Mr. Howard E. Phillips at 609/866-3253.

Very truly yours,

STAR ENTERPRISE

JOHN F. LOVE
SUPERVISOR - OPERATIONS

HEP/jp

Enclosure

cc: Mr. Richard Spiese
Hazardous Materials Division

32-070/7

CORPORATE ENVIRONMENTAL ADVISORS, INC.

CLOSURE REPORT

TEXACO SERVICE STATION
ROUTE 5
WHITE RIVER JCT, VERMONT

PREPARED BY

CORPORATE ENVIRONMENTAL ADVISORS, INCORPORATED
453 Center Street
Ludlow, MA 01056

Date: April 27, 1989

CEA Ref. File #2724-88

SECTION 1.0 SITE LOCATION & OWNERSHIP

1.1 Site Location

The subject property, White River Texaco, is located along U.S. Route 5 in a commercially-zoned area of White River Junction, Vermont (figure 1). Local access is via U.S. Route 5 which intersects with Interstate 91 at Exit 11.

The study area is found within the Hanover, New Hampshire-Vermont, 7.5 Minute Quadrangle, published by the U.S. Geological Survey.

1.2 Site Ownership

According to the White River Junction, Vermont, Assessor's Office, the site is currently owned by Richard Charland and Phillip Poirier. The underground storage tanks, which were removed, were owned by Texaco Refining & Marketing, Inc., P.O. Box 4582, Atlanta, Georgia 30302.

SECTION 2.0 SITE DESCRIPTION

2.1 Site Layout

The site is located on U.S. Route 5 directly west of the interchange of Interstate 91 and Interstate 89. The property is a rectangular parcel covering 0.70 acres with approximately

220 feet of frontage (figure 2). U.S. Route 5 is a heavy duty, two-lane bituminous roadway exhibiting heavy traffic flow.

2.2 Site Usage and Surrounding Land Usage

The property currently has a Texaco service station consisting of a station building, pump islands and canopies. The station also serves as a convenience store.

The site is bordered on the north by U.S. Route 5 and property owned by the Veteran's Administration Hospital. A piano store and bakery abut the southern site boundary. The eastern and western property perimeters are bordered by a Howard Johnson's Motel and Swiss Chalet Motel, respectively.

2.3 Environmental Characteristics

The study area is a level parcel with an elevation of approximately 580 feet above mean sea level (U.S. Geological Survey, Hanover, N.H.-Vermont Quadrangle, N4337.5-W7215/7.5). The site is covered with bituminous pavement, with the exception of the area proximal to the remediation system, and is essentially devoid of vegetation. No surface waters or wetlands occur on the site, nor are there any reported private water wells in the immediate area. A wetland associated with a small stream is located approximately two-hundred feet south of the southern site border.

SECTION 3.0 FIELD INVESTIGATIONS AND LABORATORY ANALYSIS RESULTS

3.1 Field Activities

From December 13, through December 16, 1988, six underground storage tanks were removed from the subsurface. During these operations, representatives of the Vermont Department of Environmental Conservation (DEC) were present on site. During the course of these activities, floating product was observed in one of the tank holes. As a result, Star Enterprise, as agent for Texaco Refining and Marketing Inc., under Order No. 7-8811, was required to hire a qualified consultant and prepare and implement product recovery. According to the referenced Order, product recovery would be required until all free-floating product was removed from the site. On December 19, 1988, a thirty-six inch recovery well was installed to a depth of thirteen feet along the south side of the former tank pit. The recovery well was equipped with a Scavanger pump for the purpose of withdrawing product from the surface of the groundwater table. Extracted product was then directed to a two-thousand gallon separator tank housed approximately thirty feet distant of the recovery well. The discharge from the bottom of the separator was then pumped through a sediment filter, to remove turbidity, and through dual-carbon canisters

for the purpose of removing volatile organic compounds. During the dewatering of the tank pit and during tank installation, daily samples of the influent waters directed into the treatment system, and in-line, and effluent readings from the dual carbon units were taken. Samples were obtained weekly and analyzed according to EPA Method 602, modified by adding a polar column to allow for quantification of C1 to C14 aliphatics. In addition, the treated groundwater discharge was limited to 30,000 gallons per day. Following removal and installation of the tanks, recovery operations continued as did weekly sampling of the system's influent, midpoint and effluent to the current date.

Monthly monitoring of site's five monitoring wells (CEA-1, CEA-2, CEA-4, CEA-5, CEA-6) and the recovery well was initiated on March 16, 1989. The purpose of the monitoring and well gauging activities was to determine the continued presence of floating phase product and to identify dissolved phase levels within the site area. During this sampling event, no floating phase product was identified within any of the site's wells or the recovery well. However, well CEA-1, located to the south of and downgradient of the tank grave could not be located due to construction activities during the remedial

system installation. Therefore, conclusive evidence could not be established as to the removal of all floating phase product from the site.

On April 13, 1989, monthly sampling and gauging of the entire site's monitoring and recovery wells was again attempted. During this sampling event, all wells and the recovery well were located with the aid of a ferromagnetic detector. Well gauging indicated the absence of any floating phase contamination across the site.

A review of dissolved phase levels (BTEX) within the monitoring wells and the recovery well for March 16 indicated wells CEA-5, and CEA-6 absent of detectable contaminant levels with CEA-2 containing 70 ppb. Dissolved phase levels within the recovery well and CEA-4 contained 175 ppb and 1880 ppb, respectively, for this same sampling period. The April 13 increase in dissolved phase levels for these two wells, i.e., 3351 ppb for CEA-4 and 9115 ppb for the recovery well, can possibly be attributed to a rise in groundwater levels, thereby inundating previously suspended contaminant, and the sampling of the recovery well occurring in varying phases of the pump cycling event. During the April 13 sampling event, nondetectable levels of purgeable aromatics were identified within well CEA-1, which is situated downgradient of the former tank area. In addition, detectable levels of contaminant were not identified in the remaining wells on-site. As previously

stated, weekly monitoring of the system's influent, midpoint, and effluent have continued since the removal and installation of new tanks. Following are graphs depicting system influent BTEX and C1-C14 values. As both graphs indicate, dissolved phase contamination within the recovery well's influent has decreased significantly since system startup.

SECTION 4.0 CONCLUSIONS

Monthly gauging of all on-site monitoring wells and the recovery well over the previous two month period indicates the absence of floating phase contamination across the site. In addition, dissolved phase contaminants within the recovery well influent have shown a dramatic decrease relative to intitial system startup values. This decrease, and analytical results of dissolved phase contaminants within the site's groundwaters, indicate a majority of the contamination has been removed. Therefore, based primarily on the absence of floating phase contamination within any of the site's monitoring wells or recovery well over the past two month period, a request is being made to terminate remedial operations on the site and removed associated equipment. In addition, a recommendation is made to continue quarterly sampling and gauging of all on-site monitoring wells and the recovery well over a one (1) year period. All gauging and analytical results will be forwarded to the Department of Environmental Conservation.

CORPORATE ENVIRONMENTAL ADVISORS, INC.

CERTIFICATION STATEMENT

It is hereby certified that the methodologies, techniques and findings of this technical report have been conducted in accordance with relevant environmental regulations, applicable professional standards and prudent engineering practices and that the information, attached documents and data are true, accurate and complete to the best of our knowledge.

CORPORATE ENVIRONMENTAL ADVISORS, INC.
453 Center Street
Ludlow, MA 01056
(413) 589-0548

William T. Andrews
Director, Site Assessments & Remediation

Gary P. Alicandro

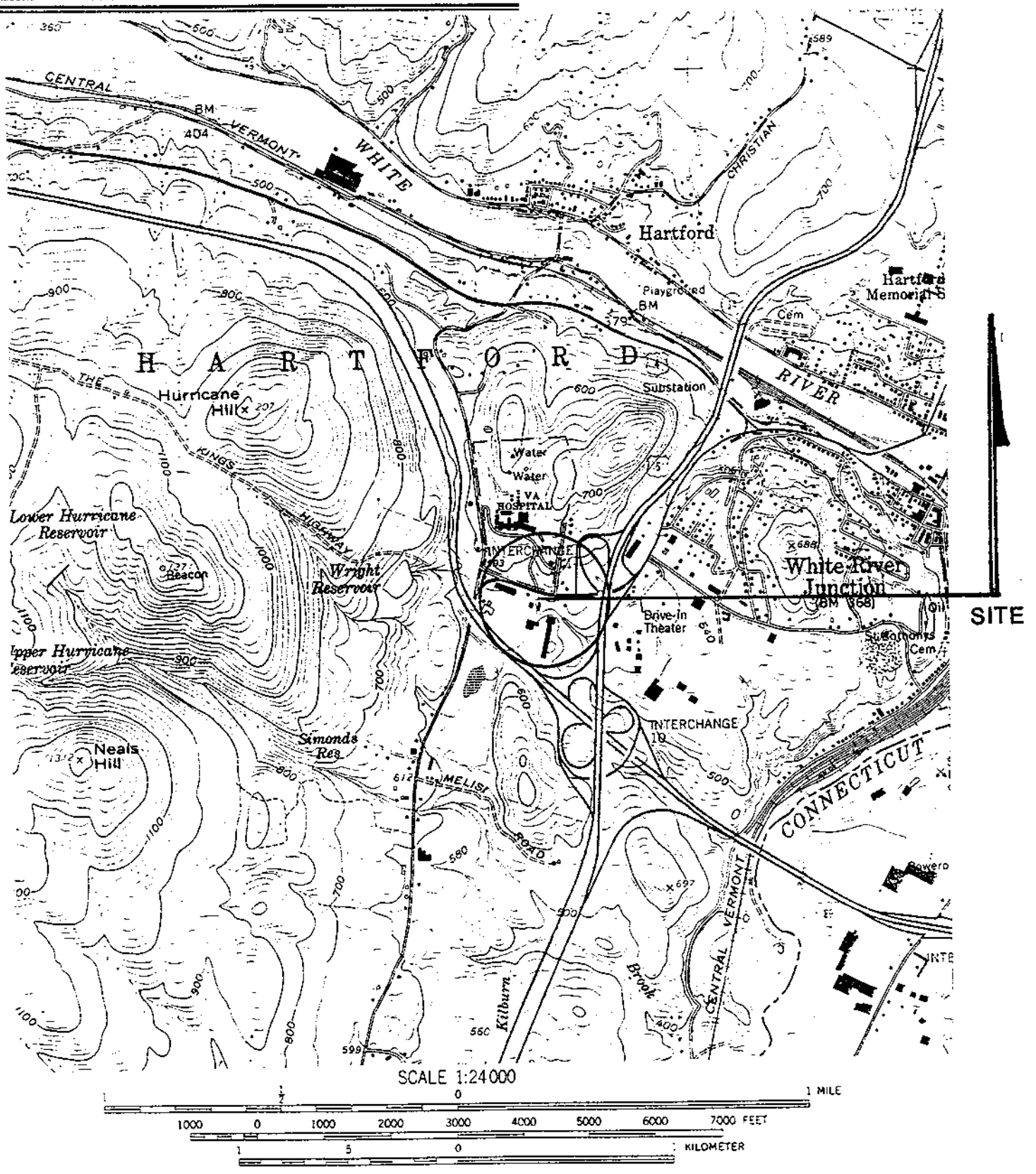
Gary P. Alicandro
President
Certified Hazardous Materials Engineer

Steven Migridichian
Vice President
Principal Hydrogeologist

Date: April 27, 1989

CEA Ref. File #2724-88-0810

CORPORATE ENVIRONMENTAL ADVISORS, INC.



SCALE 1:24000

0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 5 0 KILOMETER

CONTOUR INTERVAL 20 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

HANOVER, N. H.–VT.

N4337.5—W7215/7.5

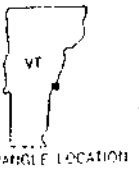
1959

PHOTOREVISED 1980

DMA 6571 III NE–SERIES V813

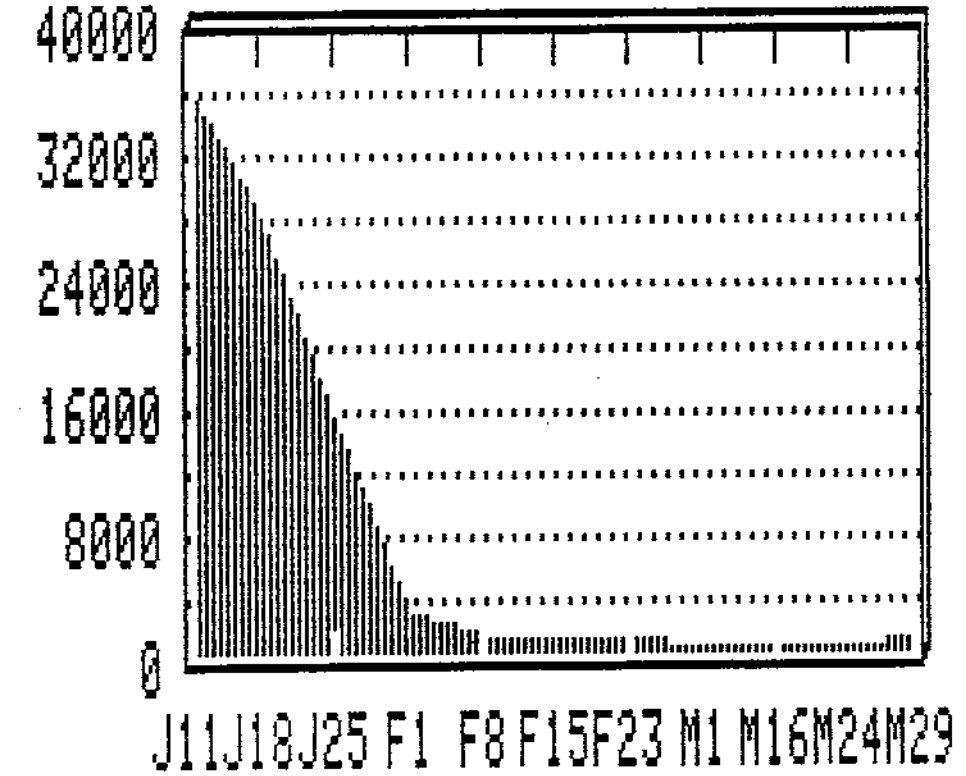
FIGURE 1

SITE LOCUS



QUADRANGLE LOCATION

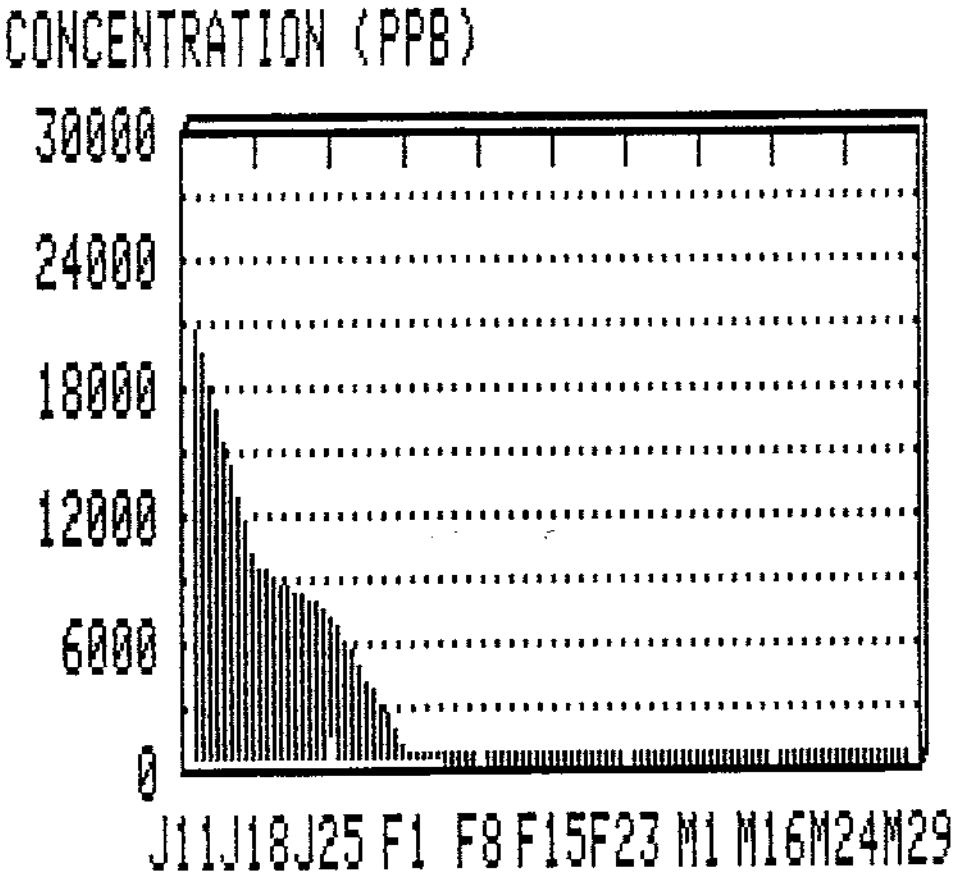
TEXACO
WHITE RIVER JCT., VT



JAN. THROUGH MAR. 1989

TOTAL DISSOLVED HYDROCARBONS

TEXACO
WHITE RIVER JCT., VT



JAN. THROUGH MAR. 1989

TOTAL BTEX

WR-43-D

PERMITTEE Texaco Refining & Marketing
Address: Route 5
White River Junction, VT
Phone:

PERMIT NO. 7-8811
S/N
PERMIT MONITORING INFORMATION

MONTH January **19** 89 **Page** 1 **of** 1

Date	Influent ppb: Total Dissolved Hydro	Influent ppb: CEA-1	Influent ppb: BTEX	Influent ppb:	Influent ppb: GPD Discharge	Influent ppb:	Effluent ppb: Total Dissolved Hydro	Effluent ppb: CEA-3	Effluent ppb: BTEX	Effluent ppb:	Effluent ppb:	Effluent ppb:	Effluent ppb:	Effluent ppb:	Effluent ppb:	Effluent ppb:	Effluent ppb:	Effluent ppb:
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11	37000		23000				BL		ND									
12																		
13																		
14																		
15																		
16																		
17					2311													
18	29000		10000		849		370		0.7									
19					2225													
20					2225													
21					350													
22					5070													
23					2430													
24					875													
25	16000		7700		325		0.3		0.3									
26					2000													
27					1200													
28					3300													
29					3340													
30																		
31																		
TOTAL																		
AVE																		
MAX																		
MIN																		

SIZE AND TYPE OF PRIMARY FLOW DEVICE

FLOW CHECKS INFLUENT☐ EFFLUENT☐

DATE 19	HEAD INCHES 20	ACTUAL FLOW MGD 21	CHART FLOW MGD 22	(ACTUAL - CHART) / ACTUAL x 100 = % ERROR 23

FACTORY CALIBRATION DATE:

BY WHOM:

COMMENT AND EXPLANATION OF ANY VIOLATIONS
(Reference all attachments here)

Prepared by _____

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

Approved by _____
(Authorized Agent for Permittee)

WR-43-D REVISED 1987

WHITE AND YELLOW COPIES TO STATE PINK COPY TO PERMITTEE

WR-43-O

PERMITTEE Texaco Refining & Marketing
Address: Route 5
White River Jct, Vermont
Phone:

PERMIT NO. 7-8811
S/N
PERMIT MONITORING INFORMATION

MONTH February 19 89 Page 1 of 1

Date	Influent ppb: Total Dissolved Hydro. (1)	Influent ppb: CEA-1 (2)	Influent ppb: BTEX (3)	Influent ppb: (4)	EFFLUENT: GPD Discharge (5)	(6)	EFFLUENT ppb: Total Dissolv. Hydro (7)	EFFLUENT ppb: CEA-3 (8)	EFFLUENT ppb: BTEX (9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	3500		1400		3300		0.3		0.3									
2					5000													
3					2200													
4					2700													
5					2700													
6					2700													
7					3000													
8	2300		570		2300		0.2		0.2									
9					500													
10					900													
11					4900													
12					2400													
13					2100													
14					2100													
15	2000		450		2100		0.2		0.2									
16					2300													
17					800													
18					700													
19					600													
20					8100													
21					2400													
22					3200													
23	1990		450		3200		0.2		0.2									
24					3200													
25					3200													
26					3300													
27					3100													
28					2900													
29																		
30																		
31																		
TOTAL																		
AVE.																		
MAX.																		
MIN																		

SIZE AND TYPE OF PRIMARY FLOW DEVICE

FLOW CHECKS INFLUENT☐ EFFLUENT☐

DATE (19)	HEAD INCHES (20)	ACTUAL FLOW MGD (21)	CHART FLOW MGD (22)	(ACTUAL - CHART)/ACTUAL X100 = % ERROR (23)

FACTORY CALIBRATION DATE:
BY WHOM:

COMMENT AND EXPLANATION OF ANY VIOLATIONS
(Reference all attachments here)

Prepared by

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

Approved by
(Authorized Agent for Permittee)

WR-43-O REVISED 1987

WHITE AND YELLOW COPIES TO STATE PINK COPY TO PERMITTEE

WR-43-O

PERMITTEE Texaco Refining & Marketing Co. **PERMIT NO.** 7-8811 **MONTH** March 19 89 **Page** ___ of ___

Address: Route 5
White River Jct, VT

Phone: ___

S/N ___

PERMIT MONITORING INFORMATION

Date	Influent (ppb) Total Dissolved Hydro. 1	CEA-1 2	BTEX 3	4	EFFLUENT (ppb) GPD Discharge 5	6	Total Dissolv. Hydro. 7	CEA-3 8	BTEX 9	10	11	12	13	14	15	16	17	18
1	1300		290		3700		BDL		ND									
2					4100													
3					2900													
4					3900													
5					4100													
6					2900													
7					2400													
8	System not operating				----		line frozen											
9					2600													
10					3500													
11					4100													
12					3700													
13					2800													
14					2900													
15					2800													
16	1700		560		3100		BDL		ND									
17					3100													
18					2100													
19					2100													
20					750													
21					1400													
22					2900													
23					3100													
24	1200		390		3200		BDL		BDL									
25					3100													
26					2900													
27					2800													
28					2800													
29	2300		780				BDL		BDL									
30																		
31																		
TOTAL																		
AVE																		
MAX.																		
MIN																		

SIZE AND TYPE OF PRIMARY FLOW DEVICE

FLOW CHECKS INFLUENT☐ EFFLUENT☐

DATE 19	HEAD INCHES 20	ACTUAL FLOW MGD 21	CHART FLOW MGD 22	(ACTUAL-CHART)/ACTUAL X100 = % ERROR 23

FACTORY CALIBRATION DATE:

BY WHOM:

COMMENT AND EXPLANATION OF ANY VIOLATIONS
(Reference all attachments here)

Prepared by ___

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN. BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

Approved by ___
(Authorized Agent for Permittee)

WHITE AND YELLOW COPIES TO STATE PINK COPY TO PERMITTEE

WR-43-O REVISED 1987

TABLE I

PURGEABLE AROMATICS

WHITE RIVER JUNCTION, VERMONT SERVICE STATION GROUNDWATER SAMPLES
ANALYSIS BY TEXACO PORT ARTHUR RESEARCH LABS

SAMPLE DESCRIPTION	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES
CEA-2	70	ND	ND	ND
CEA-4	1130	270	10	470
CEA-5	ND	ND	ND	ND
CEA-6	ND	ND	ND	ND
RW	12	13	ND	150
INF	80	70	ND	410
Eff.	ND	ND	ND	ND
Mid	4	7	ND	53

All values are in ug/L.
ND - not detected (method quantitation limit of 1 ug/L).

BTEX analysis of aqueous samples by EPA Method 602 for Purgeable Aromatics (Purge-and-Trap, Gas Chromatography) from EPA-600/4-82-057 ("Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater").

SAMPLE COLLECTION AND ANALYSIS INFORMATION

Sampling site:	Texaco Service Station White River Junction, Vermont
Sample collector:	Corporate Environmental Advisors, Inc. 453 Center Street Ludlow, Massachusetts 01056
Sample collection date :	March 16, 1988
Sample shipment date:	March 16, 1989
Sample arrival date:	March 17, 1989
Sample analysis date:	March 22, 1989

TABLE I

PURGEABLE AROMATICS

WHITE RIVER JUNCTION, VERMONT SERVICE STATION GROUNDWATER SAMPLES
ANALYSIS BY TEXACO PORT ARTHUR RESEARCH LABS

SAMPLE DESCRIPTION	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES
CEA-1	ND	ND	ND	ND
CEA-2	ND	ND	ND	ND
CEA-4	1490	1990	11	1740
CEA-5	ND	ND	ND	ND
CEA-6	ND	ND	ND	ND
RECOVERY WELL	650	2540	210	5890

All values are in ug/L.
ND - not detected (method quantitation limit of 1 ug/L).

BTEX analysis of aqueous samples by EPA Method 602 for Purgeable Aromatics (Purge-and-Trap, Gas Chromatography) from EPA-600/4-82-057 ("Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater").

SAMPLE COLLECTION AND ANALYSIS INFORMATION

Sampling Site:	Texaco Service Station White River Junction, Vermont
Sample Collector:	Ms. Stephanie Spolzino Corporate Environmental Advisors, Inc. 453 Center Street Ludlow, Massachusetts 01056
Sample Collection Date :	April 13, 1988
Sample Shipment Date:	April 13, 1989
Sample Arrival (at PARL) Date:	April 14, 1989
Sample Analysis (by PARL) Date:	April 19, 1989

CHAIN OF CUSTODY RECORD

SHEET No. ____ of ____

PROJ. NO. 2724-88

PROJECT NAME Texaco

Samplers: [signature]

I.D. NUMBER	DATE	TIME	COMP.	GRAB	STATION LOCATION	Sample Matrix	No. of Containers	ANALYSIS TYPE REQUESTED: BTEX+MTBE	REMARKS
CEA-2	3/15		✓		White River Jct. VT	H2O	2	✓	M-H
CEA-4	3/15		✓		↓	↓	2	✓	M-H
CEA-5	3/15		✓		↓	↓	2	✓	L-M
CEA-6	3/15		✓		↓	↓	2	✓	L-M
RW			✓		↓	↓	2	✓	M-H

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
[signature]	3/16/19 5pm	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

CORPORATE ENVIRONMENTAL ADVISORS, INC.
453 Center Street, Ludlow, Massachusetts 01056
(413) 589-0548 FAX (413) 583-5283

TO: P.A.R.L

WHITE — File copy YELLOW— —Laboratory copy PINK — Verification copy

PROJECT MANAGER: W. Dickinson

CHAIN OF CUSTODY RECORD

SHEET No. ____ of ____

PROJ. NO. 2724-88 | PROJECT NAME Texaco

Samplers: Stephanie Sadowski

I.D. NUMBER	DATE	TIME	COMP.	GRAB	STATION LOCATION	Sample Matrix	No. of Containers	ANALYSIS TYPE REQUESTED 602*	REMARKS
CEA-1	4/13/89		✓		White River Jct. VT	H_2O	3		m-H
CEA-2			✓				3		m-H
CEA-4			✓				3		m-H
CEA-5			✓				3		med
CEA-6			✓				3		med
Reco			✓				3		m-H

* Please include C_1 - C_{14} Aliphatics

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Stephanie Sadowski	4/13/89 5pm	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

CORPORATE ENVIRONMENTAL ADVISORS, INC.
453 Center Street, Ludlow, Massachusetts 01056
(413) 589-0548 FAX (413) 583-5283

TO: P.A.R.L.

WHITE — File copy YELLOW— —Laboratory copy PINK — Verification copy

PROJECT MANAGER: Bill Andrews

CORPORATE ENVIRONMENTAL ADVISORS, INC.
453 Center Street, Ludlow, Massachusetts 01056 (413) 589-0548

OBSERVATION WELL GAUGE REPORT

SITE Texaco Service Station DATE March 16, 1989

LOCATION White River Junction, Vermont PROJECT NO. 2724-88

INSPECTOR S. Spozino INSTRUMENT Interface Probe

		A	B	C	D	E	F	
WELL	WELL DEPTH	CASING ELEV.	DEPTH TO PRODUCT	DEPTH TO WATER	PRODUCT THICK. (C-B)	PRODUCT ELEV. (A-B)	WATER ELEV. (A-C)	REMARKS
CEA-1								Not located
CEA-2				9.02	0.00			
CEA-4				9.50	0.00			
CEA-5				7.39	0.00			
CEA-6				8.65	0.00			
RW				10.84	0.00			
RW1								
RW2								
HOLDING TANK			TOTAL (INCHES)			WATER (INCHES)		

CONVERSION: INCHES TO FRACTIONAL FEET

½	.04	2½	.21	4½	.37	6½	.54	8½	.70	10½	.87
1	.08	3	.25	5	.42	7	.58	9	.75	11	.91
1½	.12	3½	.29	5½	.46	7½	.62	9½	.79	11½	.95
2	.16	4	.33	6	.50	8	.66	10	.83		

CORPORATE ENVIRONMENTAL ADVISORS, INC.
453 Center Street, Ludlow, Massachusetts 01056 (413) 589-0548

OBSERVATION WELL GAUGE REPORT

SITE Texaco Service Station DATE April 13, 1989

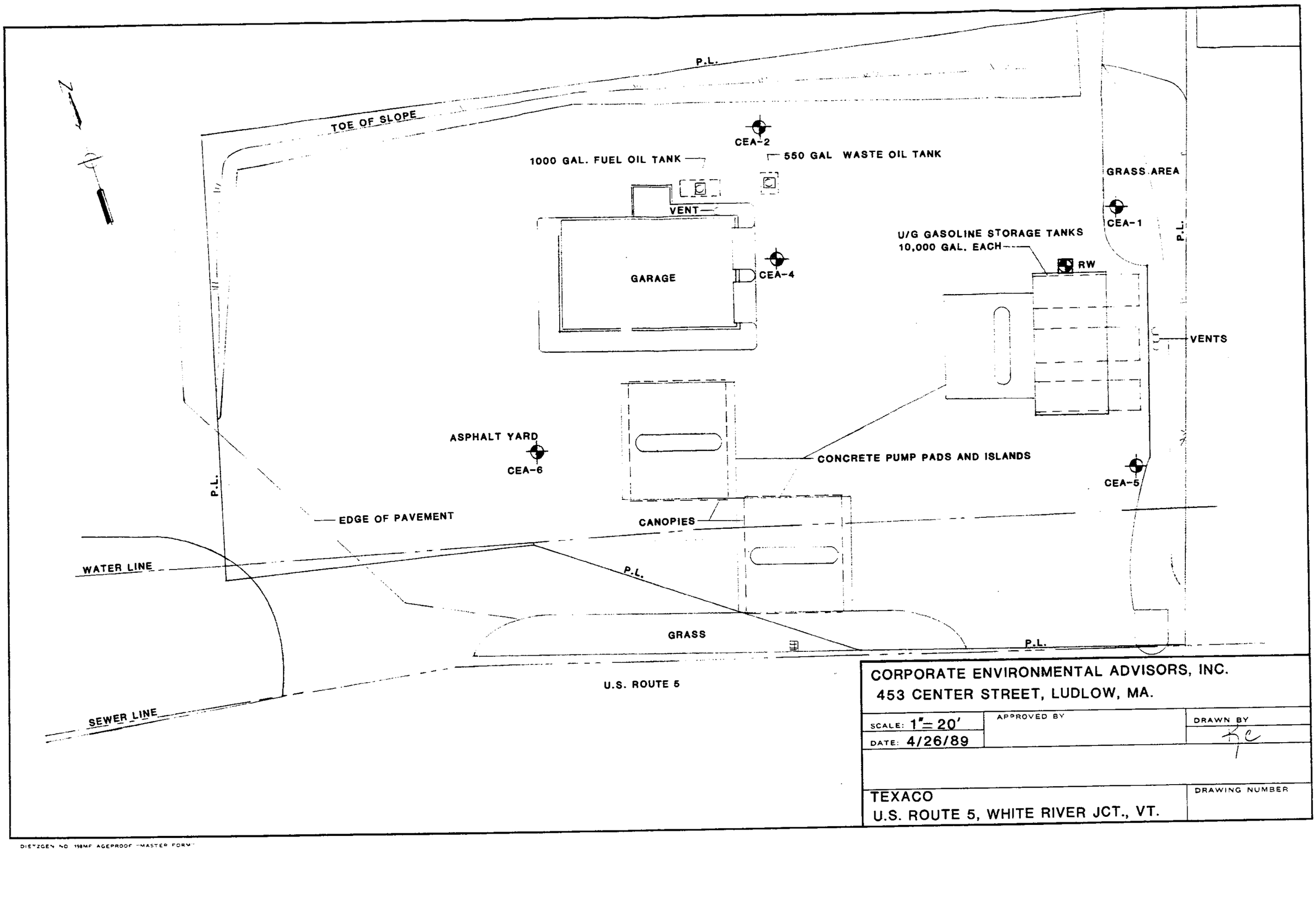
LOCATION White River Junction, Vermont PROJECT NO. 2724-88

INSPECTOR S. Spolzino INSTRUMENT Interface Probe

		A	B	C	D	E	F	
WELL	WELL DEPTH	CASING ELEV.	DEPTH TO PRODUCT	DEPTH TO WATER	PRODUCT THICK. (C-B)	PRODUCT ELEV. (A-B)	WATER ELEV. (A-C)	REMARKS
CEA-1				8.91	0.00			
CEA-2				9.03	0.00			
CEA-4				9.52	0.00			
CEA-5				7.40	0.00			
CEA-6				8.71	0.00			
RW				10.99	0.00			
RW1								
RW2								
HOLDING TANK			TOTAL (INCHES)			WATER (INCHES)		

CONVERSION: INCHES TO FRACTIONAL FEET

½	.04	2½	.21	4½	.37	6½	.54	8½	.70	10½	.87
1	.08	3	.25	5	.42	7	.58	9	.75	11	.91
1½	.12	3½	.29	5½	.46	7½	.62	9½	.79	11½	.95
2	.16	4	.33	6	.50	8	.66	10	.83		

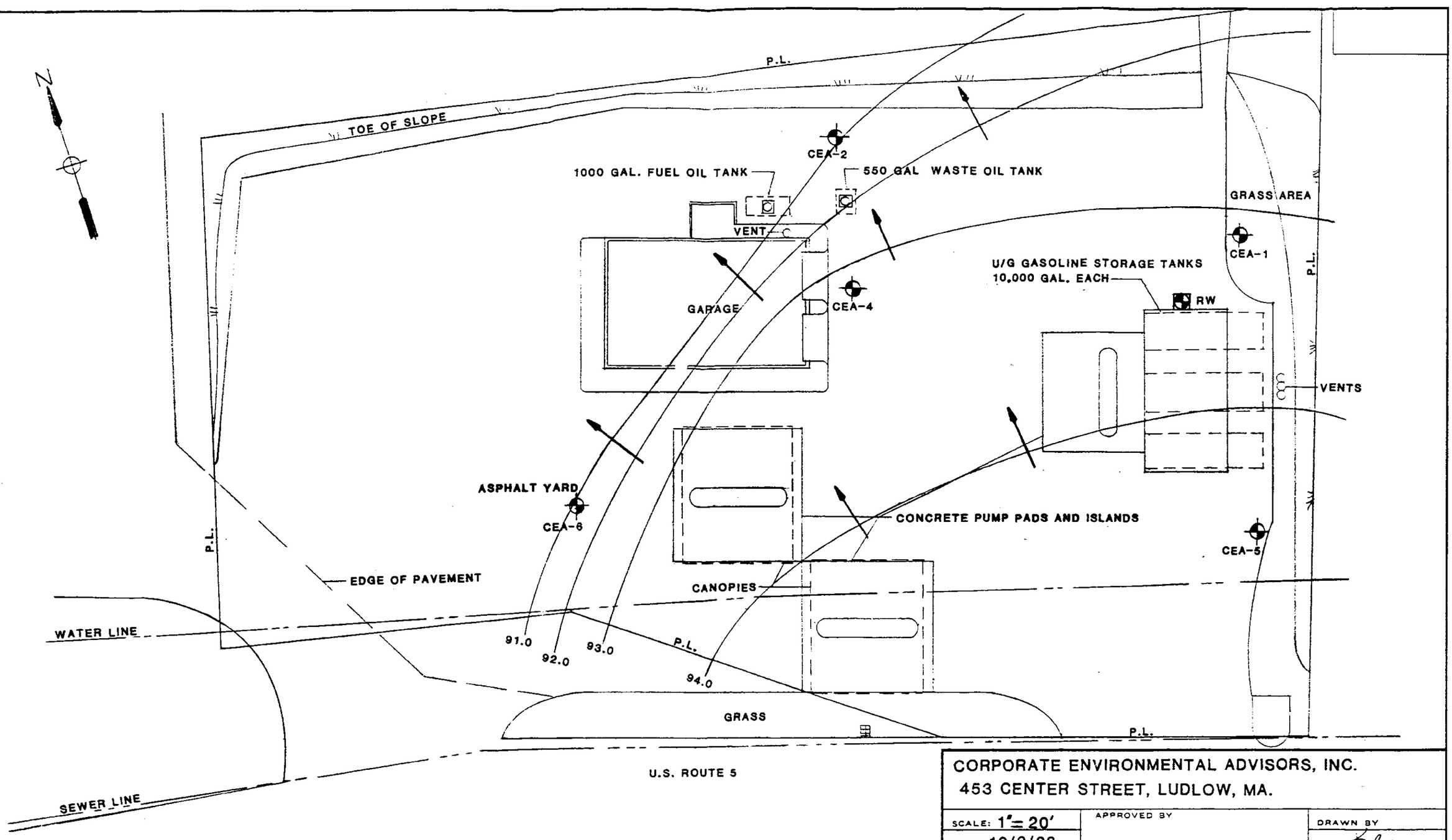


CORPORATE ENVIRONMENTAL ADVISORS, INC.
453 CENTER STREET, LUDLOW, MA.

SCALE: 1"= 20'	APPROVED BY	DRAWN BY
DATE: 4/26/89		RC

TEXACO
U.S. ROUTE 5, WHITE RIVER JCT., VT.

DRAWING NUMBER



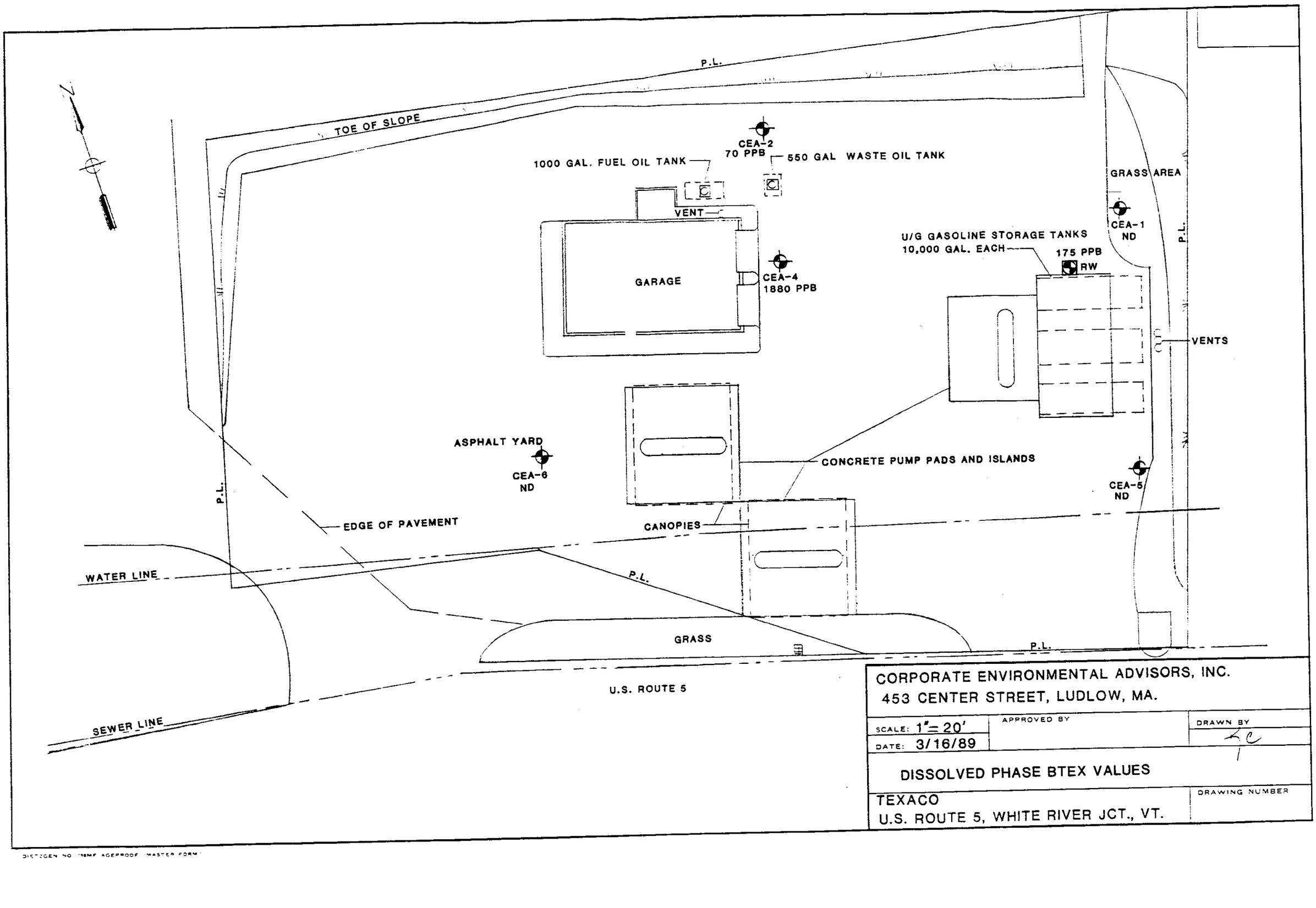
CORPORATE ENVIRONMENTAL ADVISORS, INC.
453 CENTER STREET, LUDLOW, MA.

SCALE: 1"= 20'	APPROVED BY	DRAWN BY
DATE: 10/3/88		KC

GROUNDWATER CONTOURS AND FLOW DIRECTION

TEXACO
U.S. ROUTE 5, WHITE RIVER JCT., VT.

DRAWING NUMBER



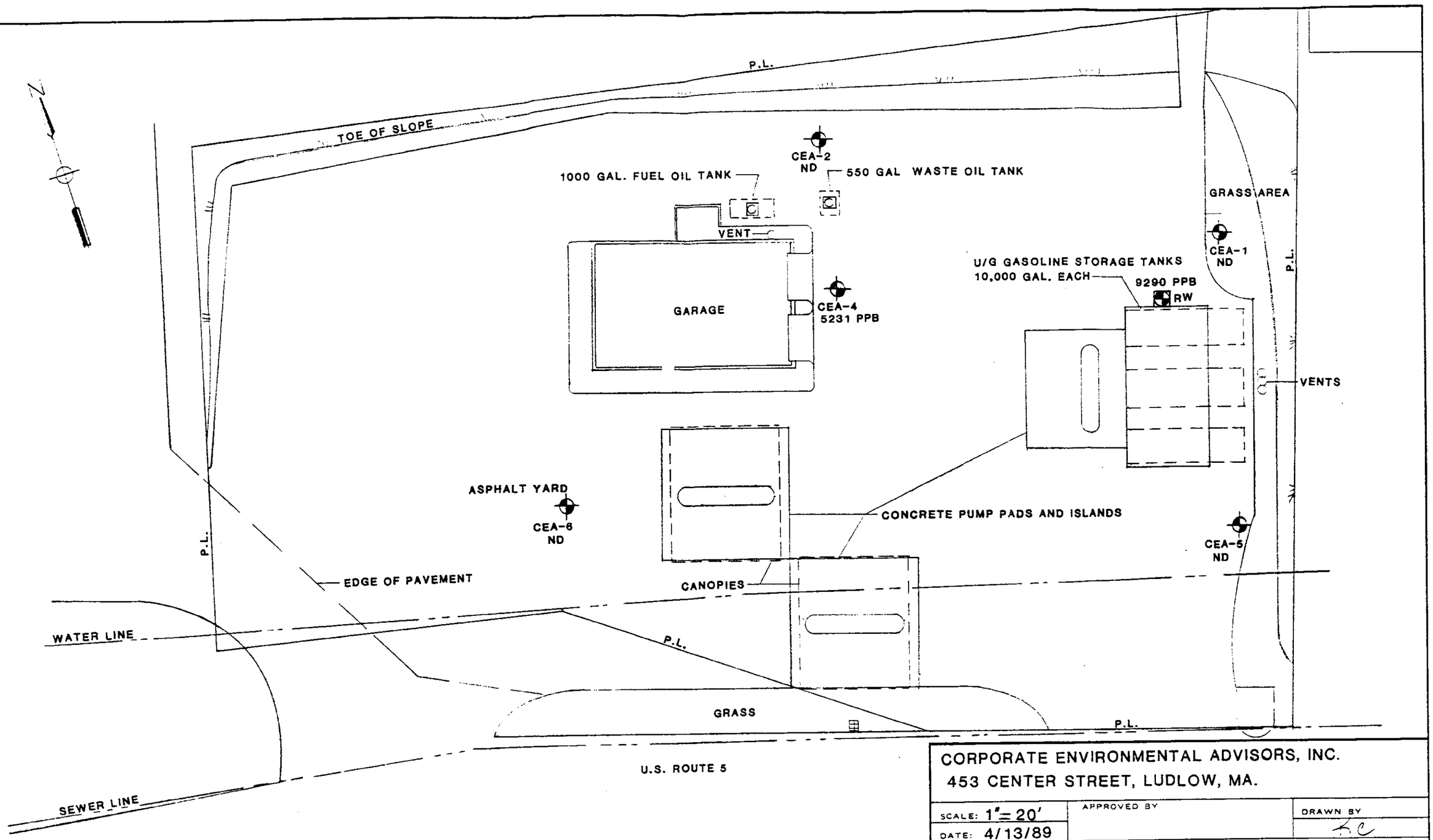
CORPORATE ENVIRONMENTAL ADVISORS, INC.
453 CENTER STREET, LUDLOW, MA.

SCALE: 1"= 20'	APPROVED BY	DRAWN BY
DATE: 3/16/89		LC

DISSOLVED PHASE BTEX VALUES

TEXACO
U.S. ROUTE 5, WHITE RIVER JCT., VT.

DRAWING NUMBER 1



CORPORATE ENVIRONMENTAL ADVISORS, INC.
453 CENTER STREET, LUDLOW, MA.

SCALE: 1"= 20'	APPROVED BY	DRAWN BY
DATE: 4/13/89		EC

DISSOVED PHASE BTEX VALUES

TEXACO
U.S. ROUTE 5, WHITE RIVER JCT., VT.

DRAWING NUMBER